

The Disaster Center is dedicated to the idea that disaster mitigation is cost effective and individuals pursuing their own interest are the greatest potential force for disaster reduction.

Please consider making a small donation to the Disaster Center



When disaster mitigation is cost effective, we are on the road to bringing disasters to an end.



FEMA

Daily Operations Briefing

Tuesday, November 7, 2017

8:30 a.m. EST

Significant Activity – Nov 6-7



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Significant Events:

- Tropical Cyclones Harvey, Irma, and Maria

Tropical Activity:

- Atlantic – Tropical Storm Rina
- Eastern Pacific – No tropical cyclones expected next 48 hours
- Central Pacific – No tropical cyclones expected next 48 hours
- Western Pacific – No activity affecting U.S. interests

Significant Weather:

- Space Weather:
 - Past 24 hours: None observed
 - Next 24 hours: Minor; Geomagnetic storms reaching G1 likely

Earthquake Activity: No significant activity

Declaration Activity: None

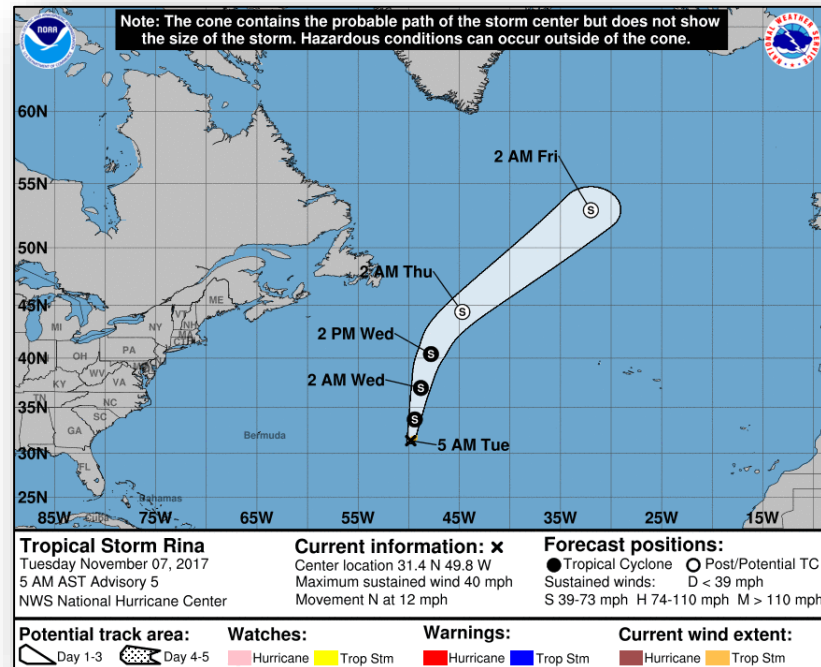
Tropical Outlook – Atlantic



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Tropical Storm Rina (Advisory #5, as of 4:00 a.m. EST)

- Located about 880 miles E of Bermuda
- Moving N at 12 mph; maximum winds 40 mph
- No threats to U.S. interests



Tropical Outlook – Eastern / Central Pacific



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Next 5 days



Next 5 days

USVI/PR Update



U.S. Virgin Islands

- Shelters: **3 (-1)** shelters open with **67 (-28)** occupants
- Disaster Assistance Registrations: 32.8k (Maria and Irma)

Power Outages / Restoration:

- Customers with grid power: STT*: **30% (-0.25%)**; STX: **17 (+0.7%)**; STJ: **16% (-1.6%)**
- VIWAPA estimates 90% to be restored by late December

Communications:

- Cell towers operational: **49.4% (-7.6%)**
- Coverage available to 88% of population

Health & Medical:

- STT: Mobile medical facility operational
- STX: Gov. Juan Luis Hospital partially open; Charles Harwood closed

Water Restoration: Boil water advisory remains in effect territory-wide

FEMA Response

- NRCC: Modified Level III (Monday – Saturday; day shift only)
- National IMAT East-1 & Region III IMAT deployed to PR
- FEMA Region II & X IMATs deployed to USVI
- MERS teams deployed to USVI & PR

*STT: St. Thomas

STX: St. Croix

STJ: St. John

Puerto Rico

- Shelters: **65 (-1)** shelters open with **2,660 (-68)** occupants
- Disaster Assistance Registrations: over 1.06M (Maria and Irma)

Power Outages / Restoration: **42.3% (+2.9%)** of normal peak load restored

Communications:

- Cell towers operational: **58.7% (+9.3%)**
- Coverage available to 92% of population
- Mobile Emergency Response Support (MERS) assisting National Weather Service to install Weather Alerting equipment

Health & Medical: 67 of 68 hospitals open: **53 (+1)** on grid power, 15 on generator power

Water Restoration

- **83% (+1)** of PRASA customers have potable water (PRASA; 97% of PR)
- 91 of 115 PRASA drinking water treatment plants are operational
- 40 of 51 PRASA waste water treatment plants are operational
- Boil water advisory remains in effect territory-wide

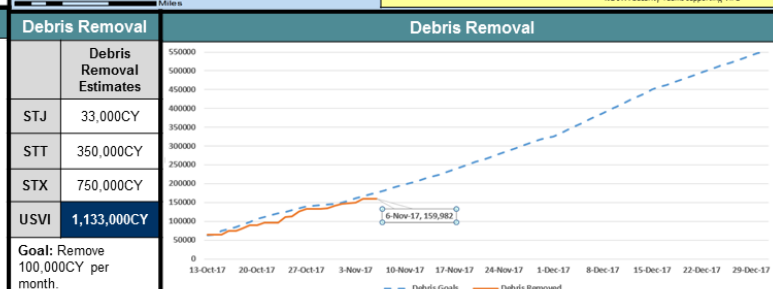
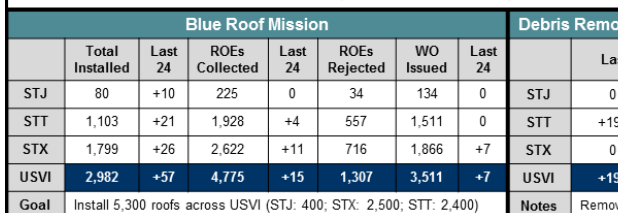
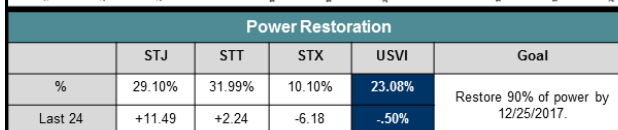
Guajataca Dam

- Dam level rose to 9.8 feet below spillway due to heavy rain; target elevation for interim repairs is 17 feet below crest; efforts are on track to reduce water level from High to Moderate risk status by November 9
- Flash Flood Warning remains in effect downstream from the dam

06NOV2017 1700AST



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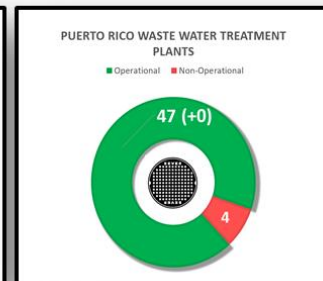
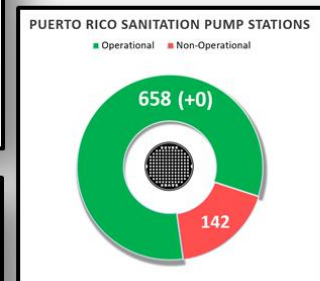
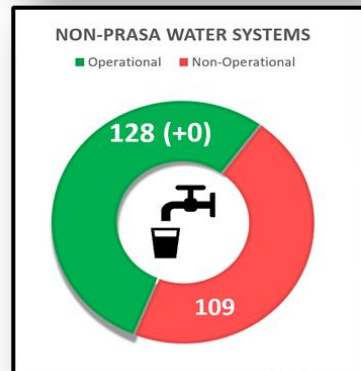
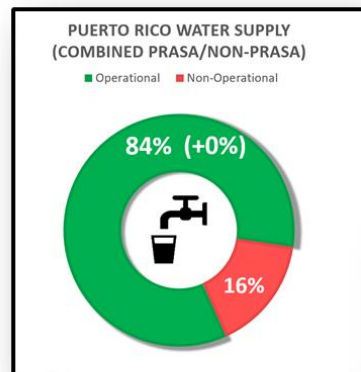
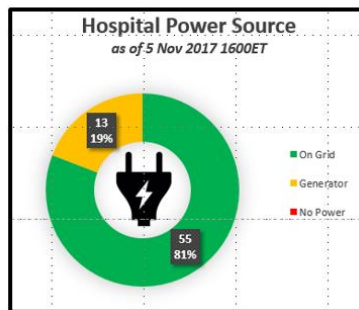
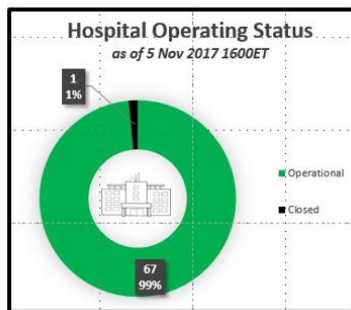


Total – Last 24 Hours		Temporary Power - Generators							
Last 24	Total Removed		Total Installed	Last 24	In Progress	On Hand	Total De-Installed	Assess. Requested	Assess. Completed
15 CY	6,009 CY	STJ	12	0	1	0			
15 CY	13,766 CY	STT	63	0	0	27			
15 CY	140,207 CY	STX	68	+1	4	26			
15 CY	159,982 CY	USVI	143	+1	5	53	28	281	256
Total 1.1MIL CY by 15MAY2018		Notes	N/A						

High Risk Focus Areas

Guajataca Dam

- A **High Risk Dam** before the hurricanes
- Water level currently 11.5' below the spillway
- Six 18", two 12", and one 8" pumps operational pumping 74 Cubic feet per second (CFS) of the 75 CFS goal
- At current rate will be 14' below 11/9+/- (may be impacted by rain)



FCO Priorities Update: 11/07/2017 (Updates In Blue)

GENERATORS / TEMPORARY POWER 443 (+11) Total Installs

- Ponce: 52 (+1) installs, 2 installs in progress, remaining assessments 0 (-6)
- Caguas: 57 installs, 3 (-1) installs in progress, remaining assessments 1 (-1)
- Mayagüez: 60 (+3) installs, 3 (-6) installs in progress, remaining assessments 0 (-1)
- San Juan Metro: 121(+4) installs, 9(+2) installs in progress, remaining assessments 1
- Fajardo: 40 (+2) install, 6 installs in progress, remaining assessments 3 (+2)
- Arecibo: 70 (+1) installs, 1 (+1) installs in progress, remaining assessments 4 (+4)
- Humacao: 20 installs, 4 (+3) install in progress, remaining assessments 2 (+2)

(USACE ESF-3 MMR 11-6-2017, 1800)

BLUE ROOF

6,356 (+152) Total Installs

Regions

- Ponce: 59 (+9) installs, 3,245 (+290) assessments
- Caguas: 463 (+18) installs, 3,137 (+369) assessments
- Mayagüez: 64 installs, 4,377 (+461) assessments
- San Juan Metro: 3,735 (+79) installs, 8,717 (+336) assessments
- Fajardo: 941 (+45) installs, 2,799 (+120) assessments
- Arecibo: 789 (+1) installs, 3,933 (+372) assessments
- Humacao: 305 installs, 2,962 (+208) assessments



(USACE MRS 11-6-17, 1900)

DEBRIS REMOVAL Collected 140,665 CY of Debris (+11,927)

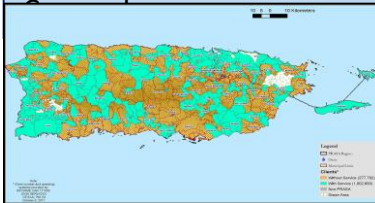
- USACE currently responsible for 4.057 million cubic yards of debris (+/- 30% model accuracy).
- EQB approved the largest disposal site in the Municipality of Salinas.
- Approved funding eligibility for TDSRs as needed, including municipalities where other municipality debris is brought in for processing.

(Debris Action Plan #31 11-06-17, 1752)

(Debris removal number is C&D only, vegetation removal not included)

WATER AND WASTE WATER

1,285,075 (80.56%) Customers



- Drinking Water Filtration plants: 94 out of 114 are operative
- Wastewater Treatment Plants: 45 out of 51 are operative
- Non-PRASA Water Assessments: 237 out of 237 assessed.
- PRASA: 1,067,7085 or 83.09% customers with service.

PRASA's Top Priorities

1. Torrecillas Waste Water Lift Station, Canóvanas – Generators connected, electrical issues remain.
2. Barceloneta WWTP – Issues with facility blowers remain.
3. FP Guajataca – Connecting a generator to the by-pass pipe, electrical issues.
4. Punta Santiago (SPS) – Considerable damages. Considering converting into a straight line.
5. Arcadia, Viequez - (Potable Water Pump) Assessing damage to pipe.

(PA SITREP 11/06/2017, 1800)

HEALTHCARE

Hospitals Operational Status		Hospitals Power Status	
Total Hospitals	68	On Grid Power	55
Operational	67	On Generator	13
Closed	1	No Power/Unknown	---

Clinics Operational Status (CDT's)		Clinics Power Status (CDT's)	
Total Clinics	108	On Grid Power	37
Operational	69	On Generator	33
Closed/Unknown	39	No Power/Unknown	38

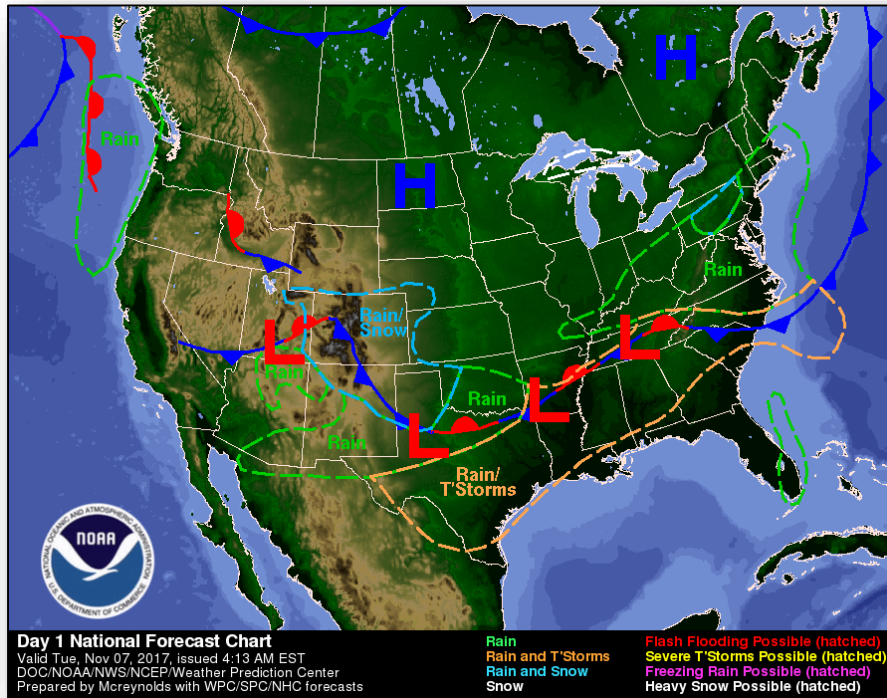
Dialysis Facilities Operational Status		Dialysis Facilities Power Status	
Total Facilities	48	On Grid Power	26
Operational	45	On Generator	21
Closed	3	No Power/Unknown	1

(Data Package 11-04-17, 1800)

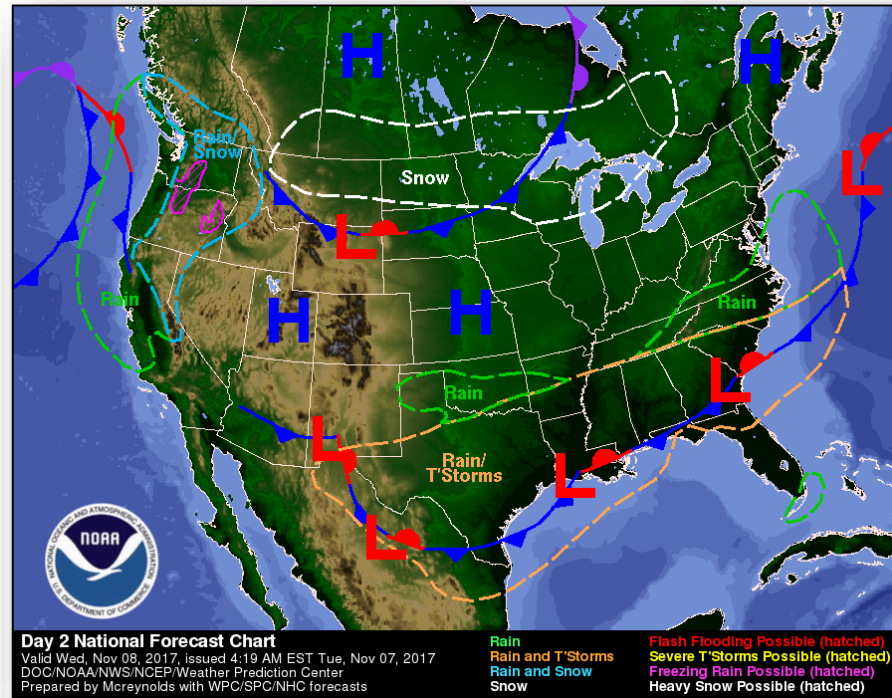
National Weather Forecast



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Today

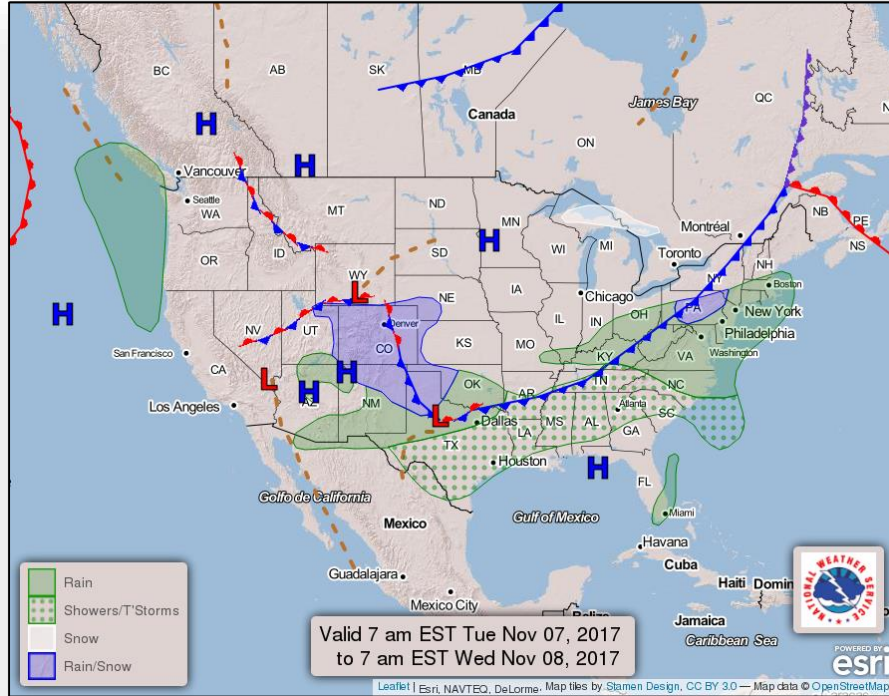


Tomorrow

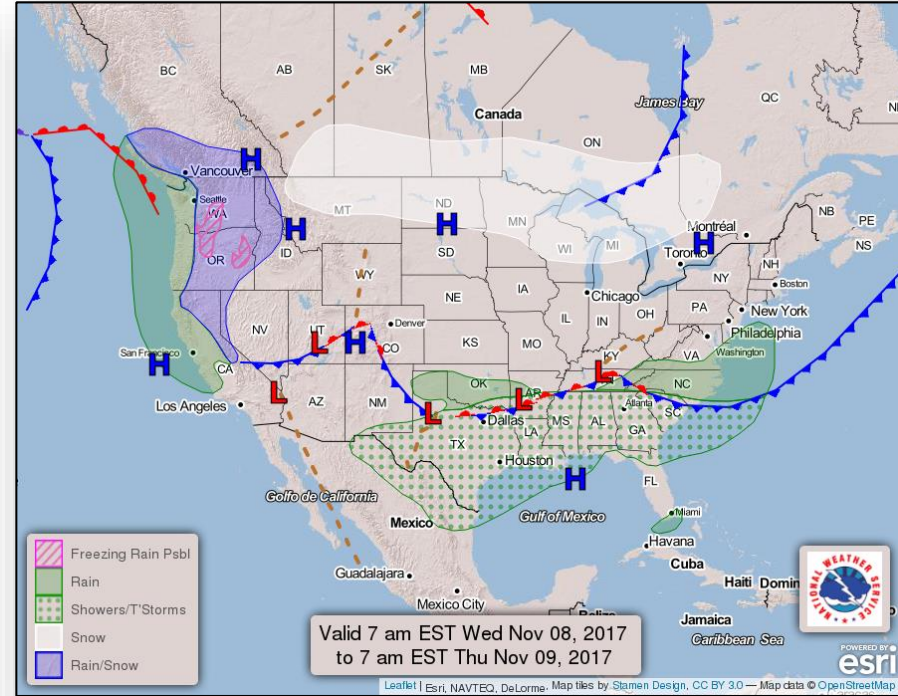
National Weather Forecast



FEMA



Today

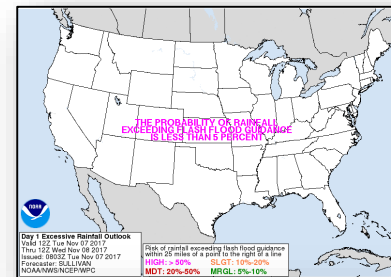
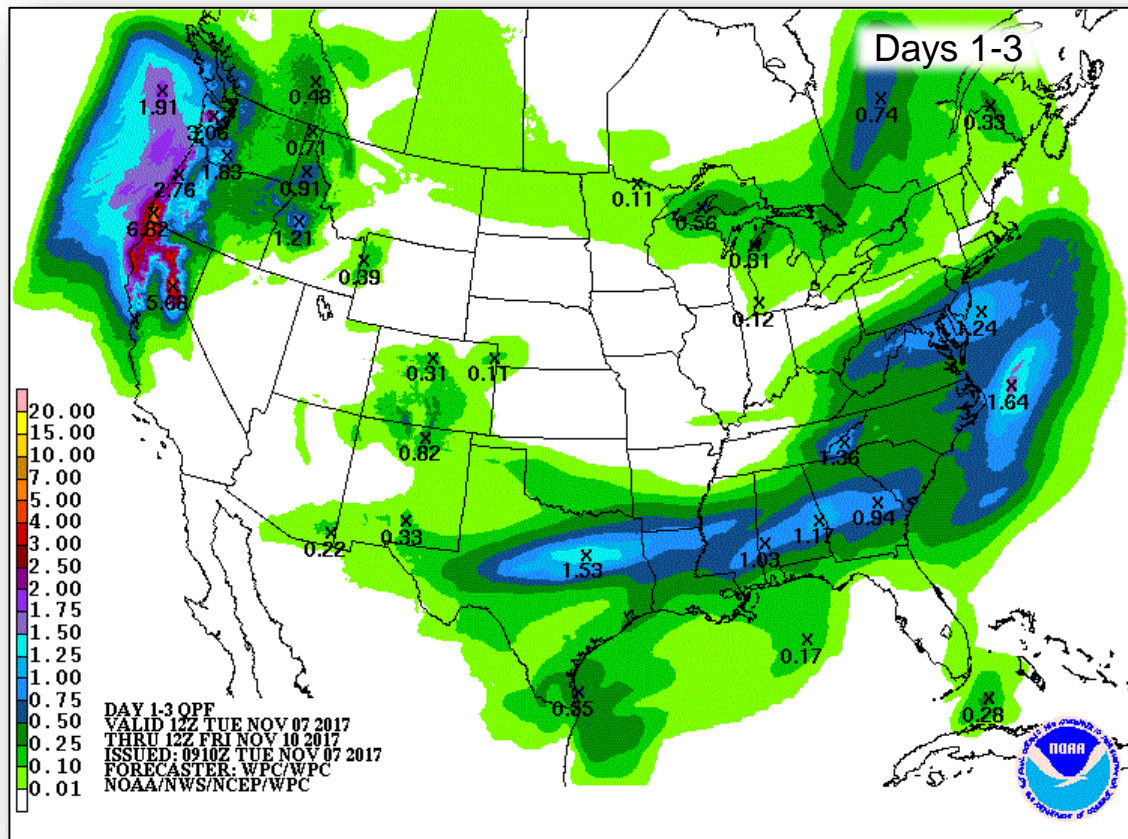


Tomorrow

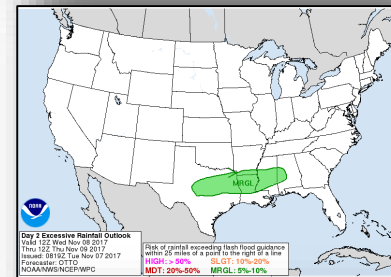
Precipitation Forecast – Excessive Rainfall



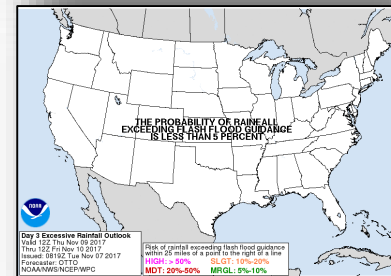
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Day 1

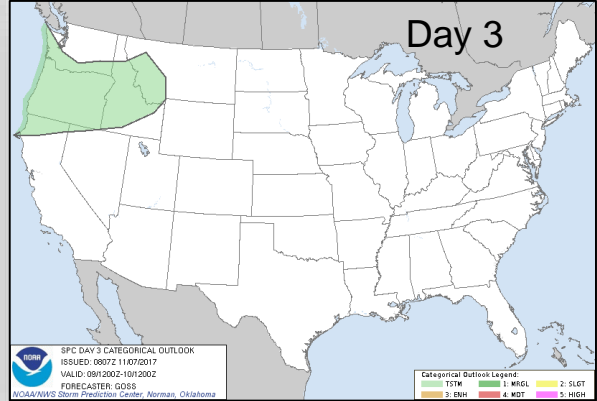
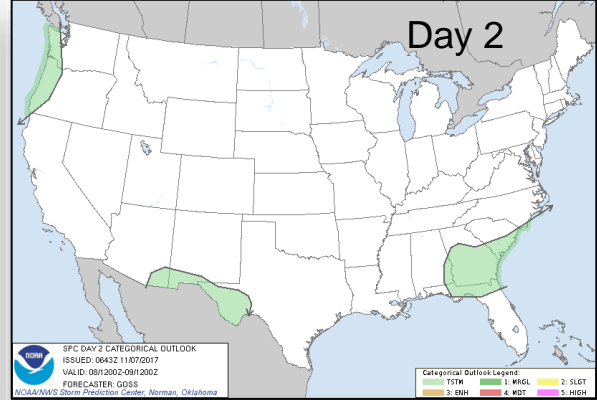
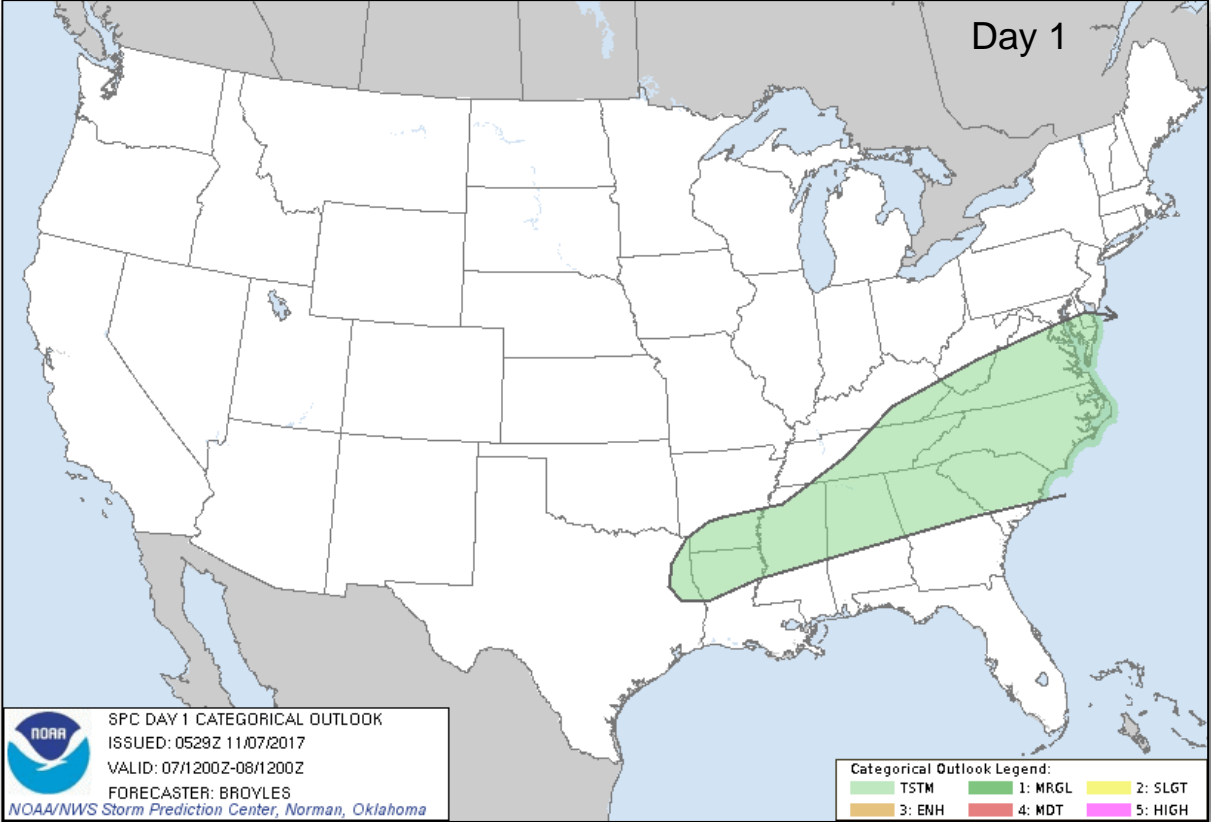


Day 2



Day 3

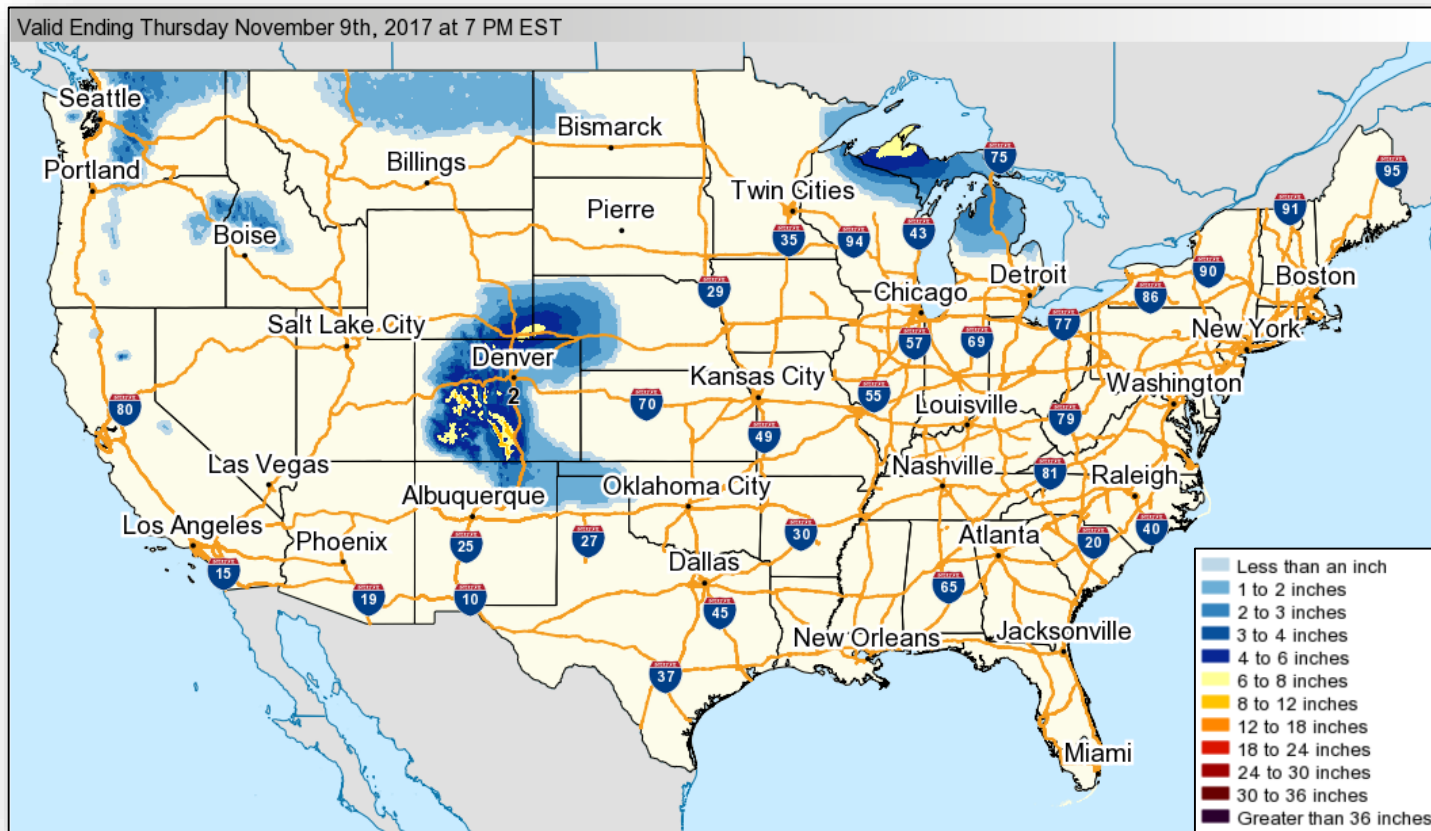
Severe Weather Outlook – Days 1-3



Forecast Snowfall



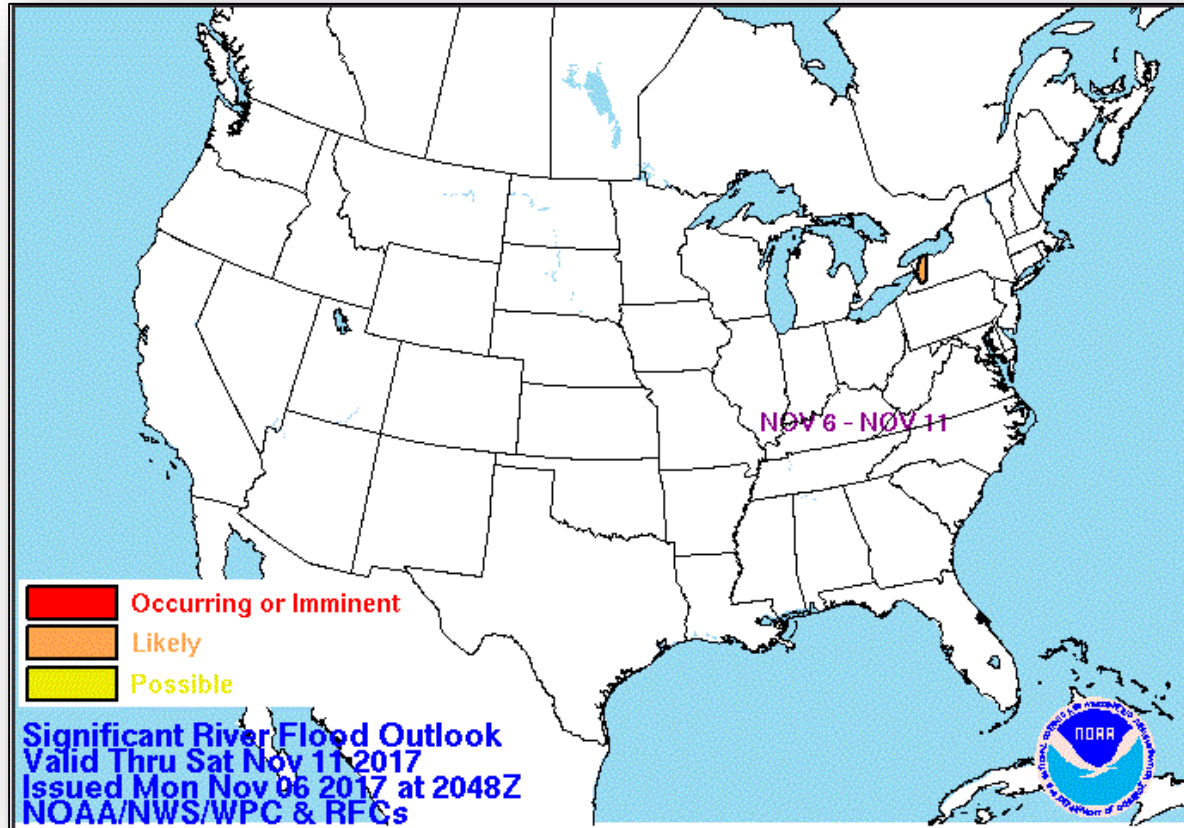
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National River Flood Outlook



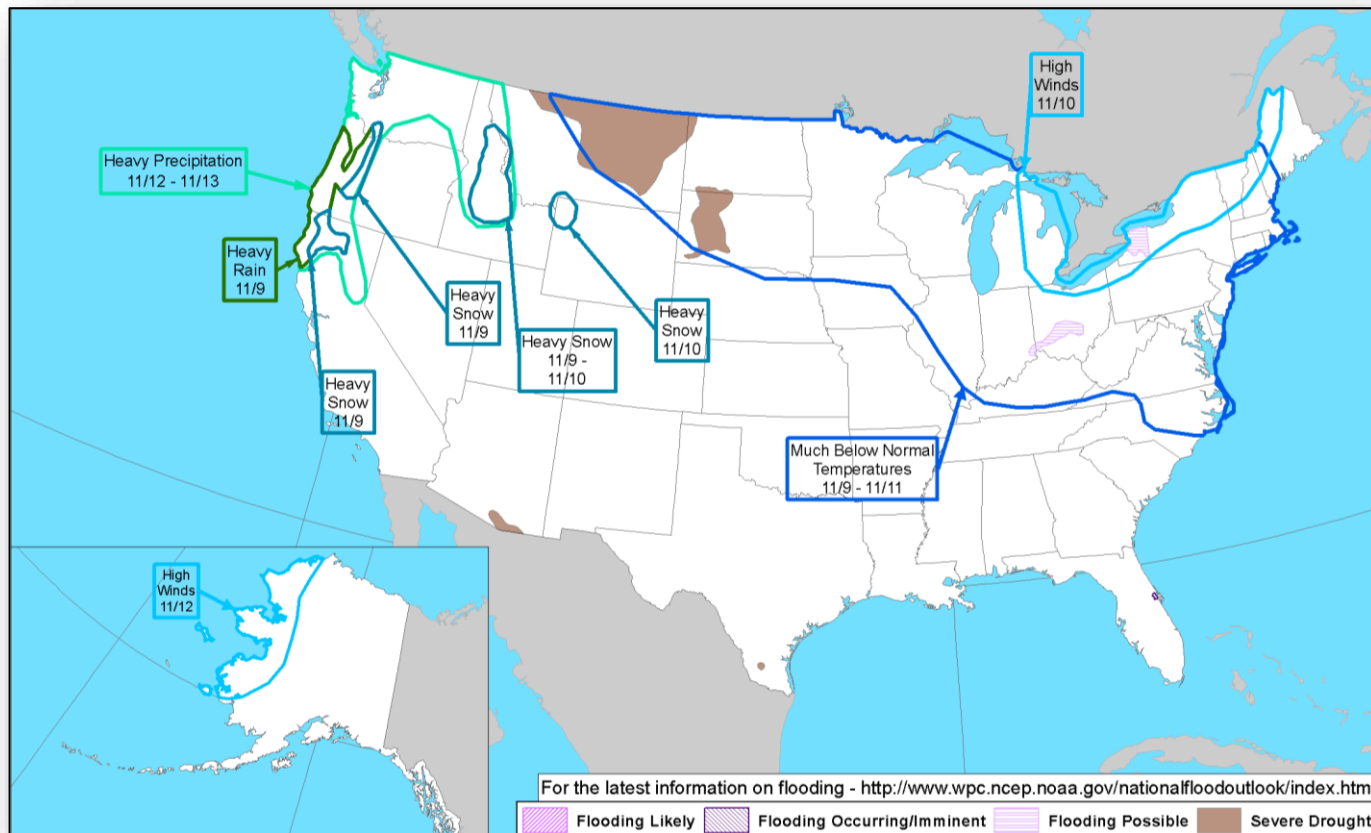
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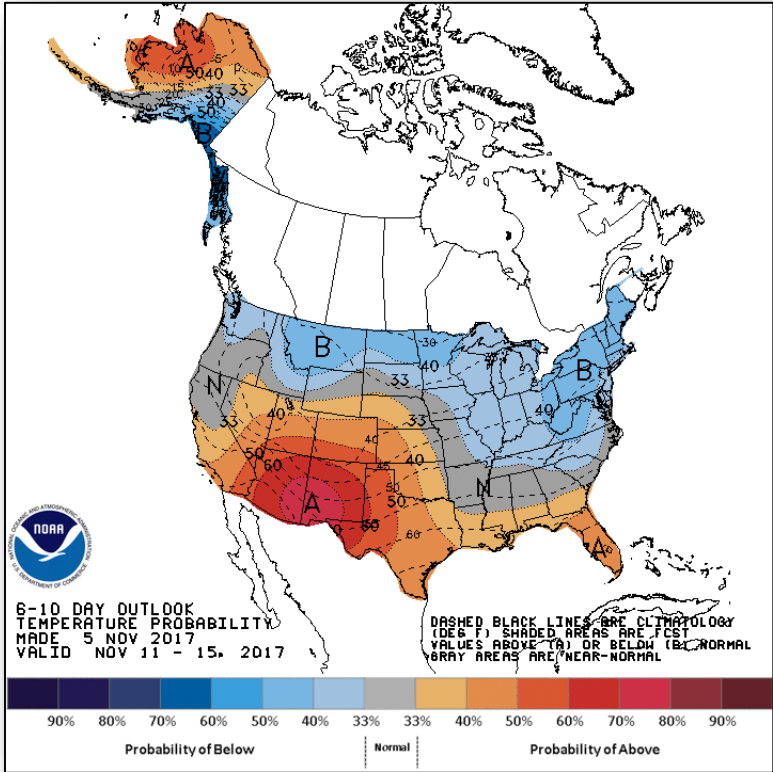
Hazards Outlook – November 9-13



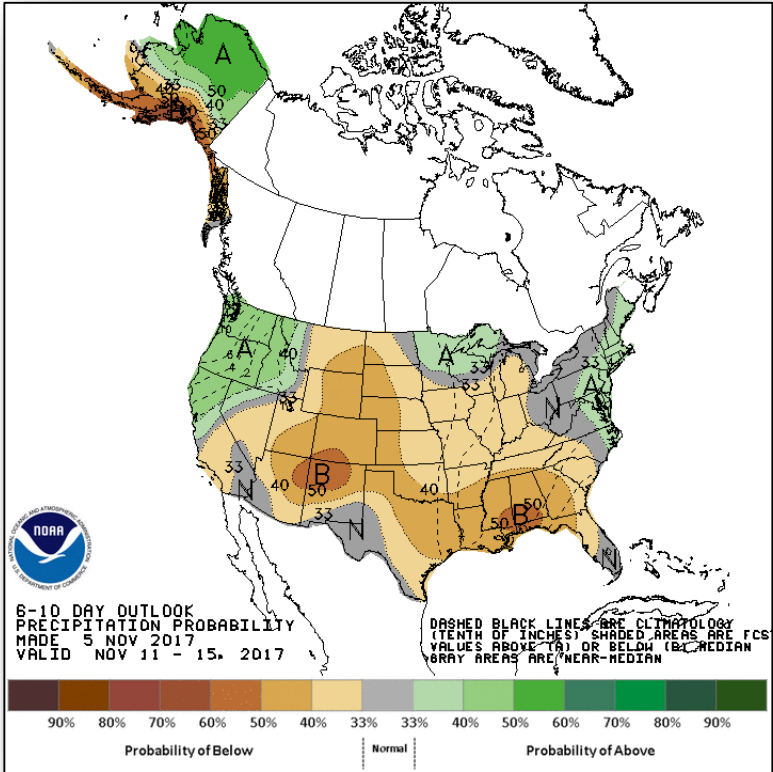
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6-10 Day Outlooks



6-10 Day Temperature Probability



6-10 Day Precipitation Probability

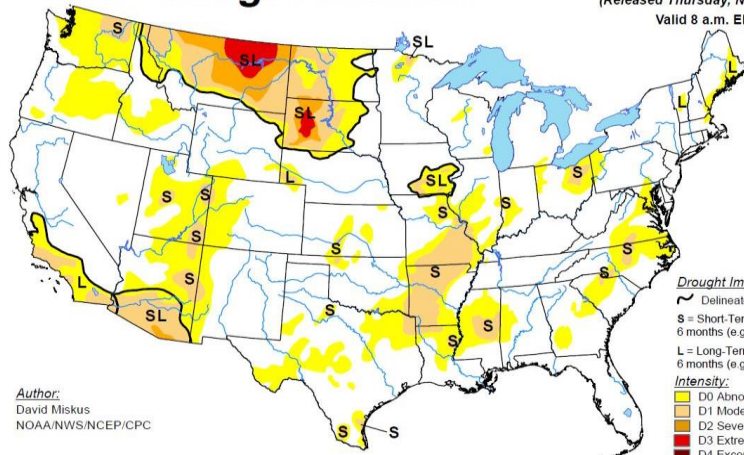
U.S. Drought Monitor



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U.S. Drought Monitor

October 31, 2017
(Released Thursday, Nov. 2, 2017)
Valid 8 a.m. EDT



Author:
David Miskus
NOAA/NWS/NCEP/CPC

Drought Impact Types:

✓ Delineates dominant impacts
S = Short-Term, typically less than 6 months (e.g. agriculture, grasslands)
L = Long-Term, typically greater than 6 months (e.g. hydrology, ecology)

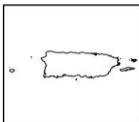
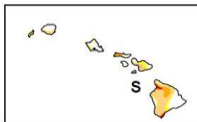
Intensity:

D0 Abnormally Dry
D1 Moderate Drought
D2 Severe Drought
D3 Extreme Drought
D4 Exceptional Drought

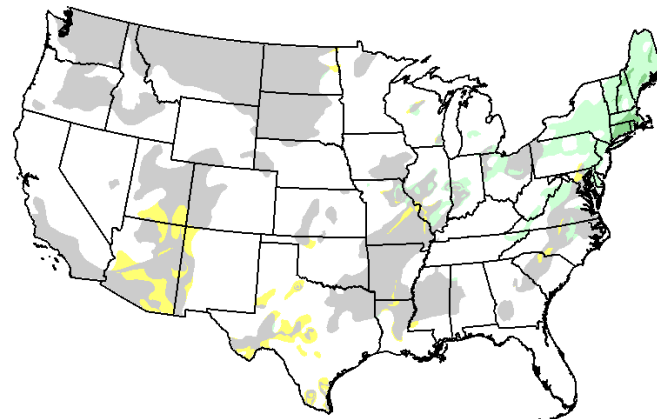
The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.



<http://droughtmonitor.unl.edu/>



U.S. Drought Monitor Class Change - CONUS 1 Week



5 Class Degradation
4 Class Degradation
3 Class Degradation
2 Class Degradation
1 Class Degradation
No Change
1 Class Improvement
2 Class Improvement
3 Class Improvement
4 Class Improvement
5 Class Improvement

October 31, 2017
compared to
October 24, 2017

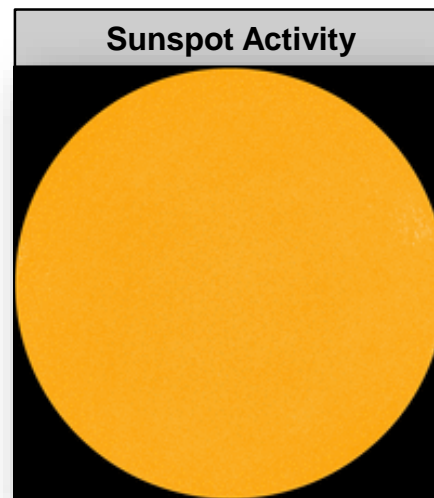
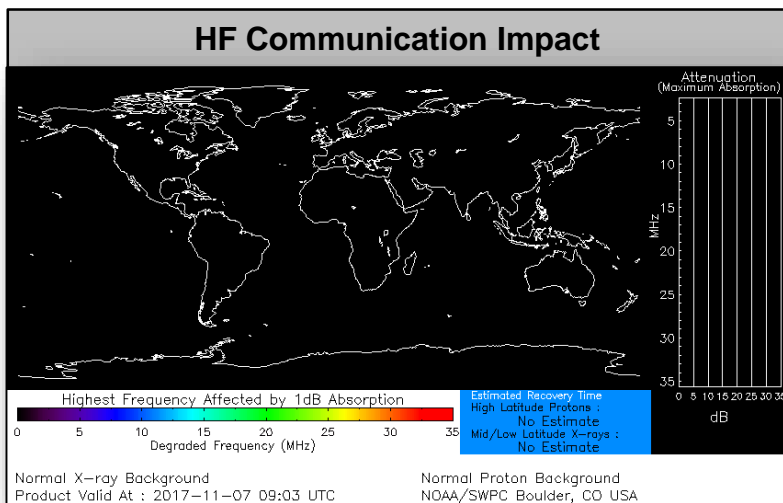
<http://droughtmonitor.unl.edu>

Space Weather



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	Space Weather Activity	Geomagnetic Storms	Solar Radiation	Radio Blackouts
Past 24 Hours	None	None	None	None
Next 24 Hours	Minor	G1	None	None
For further information on NOAA Space Weather Scales refer to http://www.swpc.noaa.gov/noaa-scales-explanation				



Joint Preliminary Damage Assessments



FEMA

Region	State / Location	Event	IA/PA	Number of Counties		Start – End
				Requested	Completed	
I	VT	Severe Storms October 29-30, 2017	IA	0	0	N/A
			PA	3	0	11/8 – TBD
	NH	Severe Storms October 29-30, 2017	IA	0	0	N/A
			PA	8	0	11/6 – TBD
X	AK	Severe Sea Storms October 28-30, 2017	IA	0	0	N/A
			PA	1	0	TBD

Disaster Requests & Declarations



FEMA

Declaration Requests in Process					Requests APPROVED (since last report)	Requests DENIED (since last report)
7	IA	PA	HM	Date Requested	0	0
NY – DR (Expedited) Flooding	X	X	X	July 6, 2017		
ND – DR Severe Storm		X	X	August 24, 2017		
KS – DR Severe Storms, Straight-line Winds, and Flooding		X	X	August 31, 2017		
IL – DR Severe Storms and Flooding	X		X	August 31, 2017		
NY – DR Severe Storms, Tornadoes, and Flooding	X	X	X	August 31, 2017		
MS – DR Hurricane Nate		X	X	October 27, 2017		
AL – DR Hurricane Nate		X	X	October 30, 2017		

FEMA Readiness – Activation Teams



Resource	Status	Total	Status	Activated Team	Activation Level	Activation Times	Reason/Comments
NWC		5	Steady State				
NRCC		2	Activated	Blue	Modified Level III	Monday - Saturday 8:00 a.m. - 6:00 p.m. EST	Response and Recovery Tropical Cyclones Harvey, Irma, and Maria
HLT		1	Activated				Hurricane Season
RWCs/MOCs		10	Steady State				
RRCCs		10	Not Activated				

Back-up Regions: V, IX, and VII



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FEMA's mission is to support our citizens and first responders to ensure that as a nation we work together to build, sustain, and improve our capability to prepare for, protect against, respond to, recover from, and mitigate all hazards.